

### Optional Tires

Front	7.50 - 16, 6 PR	7.50 - 20, 6 PR
Rear	16.9 / 14 - 34, 6 or 8 PR 16.9 / 14 - 38, 6 or 8 PR 18.4 / 15 - 30, 6 or 8 PR 18.4 / 15 - 34, 6 or 8 PR 15.5 - 38, 6 or 8 PR	18.4 / 15 - 34, 6 or 8 PR 15.5 - 38, 6 or 8 PR 16.9 / 14 - 34, 6 or 8 PR 16.9 / 14 - 38, 6 or 8 PR

### Additional Equipment \*

Auxiliary control valves; break-away couplings; short drawbar; long drawbar; vertical stop; height-adjustable trailer hitch; rear view mirror, L. H.; rear view mirror, R. H.; co-driver seat for crown type fenders; front wheel splash shields; rear spot lights; front and rear wheel weights; pneumatic trailer brake; air compressor.

\* All models unless otherwise indicated.

### Speeds, 946 A with 12 + 5 transmission and 14-34 tires

Gear	Range					
	Low		High		Reverse	
	kmph	mph	kmph	mph	kmph	mph
1	2.69	1.67	3.44	2.14	3.61	2.24
2	4.21	2.62	5.39	3.35	5.66	3.52
3	6.53	4.06	8.36	5.19	8.78	5.46
4	10.07	6.26	12.89	8.01	13.54	8.41
5	16.06	9.98	20.56	12.77	21.59	13.41
6	22.22	13.81	28.46	17.68		

### Speeds, 1046 A with 12 + 5 transmission and 15-34 tires

Gear	Range					
	Low		High		Reverse	
	kmph	mph	kmph	mph	kmph	mph
1	2.43	1.51	3.11	1.93	3.27	2.03
2	3.81	2.37	4.87	3.03	5.12	3.18
3	5.90	3.67	7.56	4.70	7.94	4.93
4	9.10	5.65	11.66	7.24	12.24	7.61
5	14.52	9.02	18.59	11.55	19.52	12.13
6	22.96	14.27	29.40	18.27		

### Speeds, 946 A with 16 + 7 transmission w/creep speed and 14-34 tires

Gear	Range						Creep speed range					
	Low		High		Reverse		Low		High		Reverse	
	kmph	mph	kmph	mph	kmph	mph	kmph	mph	kmph	mph	kmph	mph
1	2.69	1.67	3.44	2.14	3.61	2.24	1.09	0.68	1.40	0.87	1.47	0.91
2	4.21	2.62	5.39	3.35	5.66	3.52	1.72	1.07	2.20	1.37	2.31	1.43
3	6.53	4.06	8.36	5.19	8.78	5.46						
4	10.07	6.26	12.89	8.01	13.54	8.41						
5	16.06	9.98	20.56	12.77	21.59	13.41						
6	22.22	13.81	28.46	17.68								

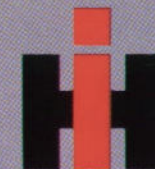
### Speeds, 1046 A with 16 + 7 transmission w/creep speed and 15-34 tires

Gear	Range						Creep speed range					
	Low		High		Reverse		Low		High		Reverse	
	kmph	mph	kmph	mph	kmph	mph	kmph	mph	kmph	mph	kmph	mph
1	2.43	1.51	3.11	1.93	3.27	2.03	0.99	0.61	1.27	0.79	1.33	0.83
2	3.81	2.37	4.87	3.03	5.12	3.18	1.55	0.96	1.99	1.24	2.08	1.29
3	5.90	3.67	7.56	4.70	7.94	4.93						
4	9.10	5.65	11.66	7.24	12.24	7.61						
5	14.52	9.02	18.59	11.55	19.52	12.13						
6	22.96	14.27	29.40	18.27								

The Company's policy is one of continuous improvement and development therefore specifications are subject to change without notice. Illustrations may include optional equipment and accessories and may not include all standard equipment.

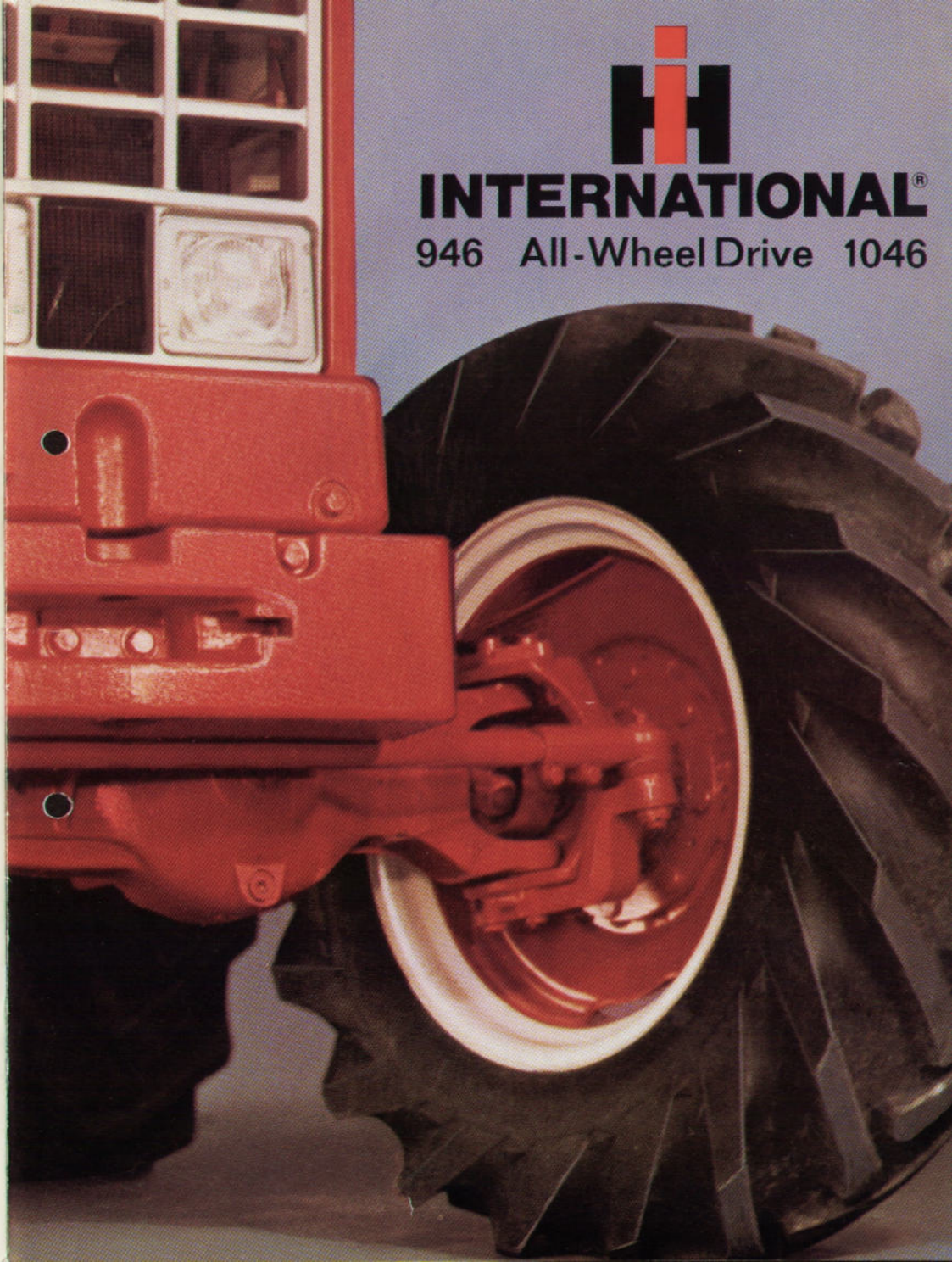
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INTERNATIONAL HARVESTER COMPANY M. B. H., NEUSS/RHINE, GERMANY

GER 81-Z



**INTERNATIONAL®**

946 All-Wheel Drive 1046



# INTERNATIONAL®

## All-Wheel Drive 946 and 1046 Tractors

Enjoy the work-saving benefits, supreme comfort and allround versatility associated with the standard INTERNATIONAL 946 and 1046 tractors.

Reap satisfaction from the elegant styling, robust design and unmatched speed/power combination.

Cash-in on easy serviceability, low economy and total dependability.

The new all-wheel drive 946 and 1046 tractors incorporate **all** these bonus features **plus** the ability to work effectively in wet or slippery terrains... in loose or sandy soils... on steep sideslopes.

You'll discover too, their outstanding advantages in forestry jobs.

Wherever or whenever confronted with adverse conditions you'll find the all-wheel drive a revelation. All-wheel drive gives you smooth full engine power on all four wheels for all-time traction.

A wide variety of optional tire combinations are available to suit your specific needs. Two transmissions: The 12 + 5 (12 forward, 5 reverse speeds) and the optional 16 + 7 (16 forward, 7 reverse) with creep speed attachment provide you with a well-graduated range of speeds.

Front-wheel drive can be quickly disengaged on-the-go for light-draft work or conventional jobs by means of a conveniently located lever. With the all-wheel drive INTERNATIONAL 946 and 1046 tractors wheel slippage is a thing of the past, you'll breeze through the toughest conditions with amazing ease. Test them yourself at your local dealer.

**Action speaks louder than words!**



## Specifications

All-Wheel Drive Tractors	946	1046
<b>Engine</b>		
Make	INTERNATIONAL	INTERNATIONAL
Model	D-310 Diesel	D-358 Diesel
Max. output, hp	92	110
Interm. net output, hp	85	100
Rated speed, rpm	2100	2100
Max. torque, mkp (ft. lbs.) at speed, rpm	32.3 (234)	36.9 (267)
Number of cylinders	1400	1400
Bore, mm (in.)	6	6
Stroke, mm (in.)	98.4 (3.87)	98.4 (3.87)
Displacement, cm <sup>3</sup> (cu. in.)	111.1 (4.37)	128.5 (5.06)
	5073 (310)	5867 (358)
<b>Electric Equipment</b>		
Battery	12 V, 110 Ah	12 V, 110 Ah
A.C. generator	14 V, 28 A	14 V, 28 A
Starter	4 hp	4 hp
<b>Transmission</b>		
	12 + 5 synchronized transmission, 30 kmph version, with 11 in. cerametallic double clutch	
<b>Hydraulic System</b>		
	with draft and position control, lower link sensing, 3-point hitch, cat. II	
<b>Capacities</b>		
Fuel tank, ltr. (gal.)	110 (29)	110 (29)
Crankcase, ltr. (gal.)	12 (3.2)	12 (3.2)
Cooling system, ltr. (gal.)	25 (6.6)	27 (7.1)
Transmission case, ltr. (gal.)	42 (11.1)	42 (11.1)
Hydraulic system, ltr. (gal.)		
<b>Tires</b>		
Front	10-24, 6 PR	11-24, 6 PR
Rear	16.9/14-34, 6 PR	18.4/15-34, 6 PR
<b>Overall Dimensions</b>		
Length, mm (in.)	4000 (157.5)	4000 (157.5)
Width, mm (in.)	2088 (82.2)	2088 (82.2)
Height, mm (in.)	1610 (63.4)	1610 (63.4)
Wheelbase, mm (in.)	2590 (102)	2590 (102)
Ground clearance, mm (in.)	470 (18.5)	470 (18.5)
<b>Weight, kg (lbs.)</b>	3360 (7410)	3775 (8325)
<b>Regular Equipment *</b>		
P.t.o., rear, 540 and 1000 rpm; p.t.o. master shield; independent hand brake; foot brake, hydraulically operated, incl. steering brake; foot-operated differential lock; head lamps for R. H. traffic; combination De-Luxe instrument panel with indicators for water temperature, generator, fuel, oil pressure, head lamps and directional signal lights; tractor-meter 30 kmph; vertical exhaust pipe and muffler; dual fuel filter with water separator; dry type air cleaner; hydrostatic steering; foot step; De-Luxe tractor seat; swinging drawbar with coupling yoke; semi-crown type rear fenders; inner front weight, 130 kg (285 lbs.) (1046); outer front weight, 180 kg (400 lbs.); transmission version 30 kmph; non-adjustable front axle.		

### Optional Equipment \*

(in lieu of regular)

16 + 7 synchronized transmission, 30 kmph version, with 11 in. cerametallic double clutch and creep speed; transmission version 25 kmph; adjustable front axle, 18 in. high clearance; nonadjustable front axle, 20 in. high clearance; adjustable front axle, 20 in. high clearance; directional signal lights with brake lights for crown type fenders; head lamps for L. H. traffic; rear reflector with licence plate holder for crown type fenders; crown type rear fenders; Super De-Luxe tractor seat; tractorometer 25 kmph; tractorometer 15 mph; tractorometer 19 mph; front and rear rims for optional tires.